2002 ANNUAL INDEX

Subject/Article	Description	Author	Issue/Pg.
Antennas			
2m/70 cm Quad Revisited	Part 1	K8IHQ	AUG 19
2m/70 cm Quad Revisited	Part 2	K8IHQ	SEP 18
6m Fun Loop	A low-cost gain antenna...	N2DCH	JUN 10
Above & Beyond	1296 MHz Omni Slot Antenna	WB6IGP	NOV 41
Direct-Mount "J" Antenna	For 440 MHz HTs	W4JC	FEB 21
Eager for Meager	11m vertical for 160	AD1B	DEC 24
I Love My 80m Loop!	Horizontal square loop	KL7JR	NOV 25
Twin for Two	Home-made twin loop for 2m	AC6XJ	AUG 30
VLF to HF Loop Receiving Antenna	Part 1 of 3	K8ZOA	JUL 10
VLF to HF Loop Receiving Antenna	Part 2 of 3	K8ZOA	AUG 10
VLF to HF Loop Receiving Antenna	Part 3 of 3	K8ZOA	SEP 32
Windowsill Mount for Verticals	For an antenna in Dec. 2001 issue.	HL1/N8HI	JUN 36
Circuits			
Icom Interface, Texas-Style	Mod for 706/706MKII owners.	W5RK	JUN 35
Multiple CW Filters	Set up an active audio filter.	W2GOM/7	NOV 16
Voltage Control for Your Mobile Rig	On all night? This is for you!	W4MEA	MAY 37
Clubs			
CPR for Your ARC	How to revive the local club.	N8OMW	OCT 52
Computers			
Interface Board for the ISA Bus	Interface home-brewed applications.	AB2LX	SEP 20
QRP Internet Computing	Using the Internet	KCØIZI	FEB 37
Construction			
Amplifier Testbench Report	A look at broadband amps.	K8ZOA	SEP 10
Build a 1.2 GHz FM Repeater	A complete system from scratch.	NY9D	JAN 10
Build This Commercial-Quality Counter	Part 1 of 2	K8IHQ	MAY 10
Build This Commercial-Quality Counter	Part 2 of 2	K8IHQ	JUN 20
Commercial-Quality Function Generator	How about this addition to the bench?	K8IHQ	DEC 10
Easy-Build Project of the Month	400 kHz AC low pass filter...	K8IHQ	APR 29
Easy-Build Project of the Month	Prototyping bench DC power supply	K8IHQ	JUL 20
Glow, Little Glo-Bar	High-power RF dummy load	K8IHQ	JUN 33
Keying to a Different Drummer	Simplicity for pennies.	W2GOM/7	MAY 27
Ladder Crystal Filters for NBFM	Some tricks of the trade	N2DCH	JUL 16
Lamps from Tubes	For fun, profit, and gifts!	WA2OKZ	FEB 28
Relative RF Power Meter	Add this to your shack's arsenal!	KC5MFY	MAY 34
Temp-Controlled Solder Station	Improve your bench.	AA2JZ	JUN 25
Vent-a-Fume	Remove solder fumes from work area.	AA2JZ	MAR 17
Your Turn for a Coil Winder	Gingery Universal Coil Winder	K8ZOA	NOV 10
CW - Code			
Build This Simple Electronic Keyer	Nice little project.	Sellen	JAN 55
Keying to a Different Drummer	Simplicity for pennies.	W2GOM/7	MAY 27
Not Simply Another Keyer!	With self-completing dots and dashes.	W2GOM/7	FEB 16
Digital Modes			
The Digital Port	Me 'n' M.E.	KB7NO	JAN 40
The Digital Port	More Fun	KB7NO	FEB 51
The Digital Port	Bumpiness	KB7NO	MAR 47
The Digital Port	Freebie Antenna Aid	KB7NO	APR 46
The Digital Port	Macros: Take Control!	KB7NO	MAY 40
The Digital Port	This Twist May Be for You	KB7NO	JUN 47
The Digital Port	Digital Imaging and SSTV	KB7NO	SEP 45
The Digital Port	Sleeper Package Comes Awake	KB7NO	OCT 42
The Digital Port	New and Improved Early PSK-31	KB7NO	NOV 50
The Digital Port	Fun Time	KB7NO	DEC 47
DX			
Ashore at Sacrifice Rock!	The saga of a masterful DXpedition.	VU2SBJ	DEC 28
Inkjet QSLs the Easy Way	Basic techniques for basic cards.	KE8YN/Ø	FEB 38
Make Your Own VHF DX!	Need a neat club activity?	WB9YBM	JUL 29
QSL Archiving Made Easy	Display those cards.	NL7ZW	OCT 53

Editorials

Never Say Die	If You Think ...; What to Do?	W2NSD/1	JAN 4
Never Say Die	Hey, ARRL, Wake Up!	W2NSD/1	FEB 4
Never Say Die	Upsizing America; Do They, Still?	W2NSD/1	MAR 4
Never Say Die	Action!; Step by Step	W2NSD/1	APR 4
Never Say Die	Better QSOs; Dayton; Pole Shift	W2NSD/1	MAY 4
Never Say Die	The Begging Bowl; Pole Shift	W2NSD/1	JUN 4
Never Say Die	Shareware; Advertising; More Sharing	W2NSD/1	JUL 4
Never Say Die	Birthday; A Birthday Present; Crackpot	W2NSD/1	AUG 4
Never Say Die	Birthday Present; Perspective; Sharing	W2NSD/1	SEP 4
Never Say Die	Uh-Oh!; Visit New Hampshire	W2NSD/1	OCT 4
Never Say Die	*Blindsided;* Health (Again); Club Talks	W2NSD/1	NOV 4
Never Say Die	Director Duty; Dr. Doom; Tolja	W2NSD/1	DEC 4

Education

Elmers Applaud Ham Ambassador Program	Progress!	WB6NOA	MAR 55
Weather Sat Tracking is Awesome!	Real science for 8–12-year-olds	VK2BXX	FEB 10

Emergency Preparations

An Ounce Of	Upgrade your "radio insurance."	K7SUB	MAY 38
One Repeater to Go, Please!	Another emergency tip.	KE8YN/Ø	MAR 27
On the Go	Power for Emergency Operations	KE8YN/Ø	JAN 53
On the Go	To Change and To Serve	KE8YN/Ø	FEB 50
On the Go	A Wake-up Call	KE8YN/Ø	APR 51
On the Go	Power Station 2	KE8YN/Ø	MAY 48
On the Go	Top Secret	KE8YN/Ø	JUN 39
On the Go	Setting Up a Temporary HF Station	KE8YN/Ø	SEP 57
On the Go	Dear Santa	KE8YN/7	DEC 43

Gadgets

Ham Window Dressing	Car frequency display	Rynone	APR 10
Shack Switch for Foot Fetishists	The ultimate foot switch	WA2OKZ	DEC 27

General Interest

"CQ Lidsville, CQ..."	Are you in one of these QSOs?	K6KSR	SEP 34
Does Your Junk Box Runneth Over?	Get organized!	W6WTU	APR 19
Hamfest Success Formula	Make sure your hamfest is a success.	K9TRG	DEC 36
Inkjet QSLs the Easy Way	Basic techniques for basic cards.	KE8YN/Ø	FEB 38
Inside Today's Kit Biz	Interview with Marshall Emm N1FN	KF6FJU	OCT 23
Mt. Wilson Travelogue	Private tour of a famous observatory	W6WTU	APR 38
On the Go	Balancing Act	KE8YN/7	OCT 44
QSL Archiving Made Easy	Display those cards.	NL7ZW	OCT 53
Snakebit!	A ham radio tale.	WD9APU	MAR 36
Tesla's Champions	Increasing recognition for Tesla	W8AHB	JUL 24
The 21st-Century Scrounger	Save money on electronic parts.	N8PTG	JUL 32
The ABCs of IRCs	All about International Reply coupons	G3SWH	JAN 27
The Hamfest from Hell	Are you in this story?	K2SDD	AUG 40
The Saga of Archie and Tillie	Otherwise known as Elmer.	AA2JZ	FEB 35
The Write Stuff	A work-at-home scheme ...	AA2JZ	AUG 41
Too Many Projects to Build	How to reach a nirvanic state.	AA2JZ	JUL 55
Travels with Henryk — Part 2	Poland	SMØJHF	JAN 22
Travels with Henryk — Part 3	East meets West in the north.	SMØJHF	MAR 24
What Amateur Radio Means to Me	Do you feel the same way?	KD5IDU	JUL 37
What's in a Name?	Atlanticon badge	AA2JZ	OCT 33
Your Own Owner's Manual	Record your projects!	AA2JZ	FEB 56

History

Tesla: Inventor of Radio and Modern-Day AC	(Marconi and Edison notwithstanding.)	W8AHB	APR 31
Techniques Time Line	Evolution of construction practices	W6WTU	JUN 52
Twisted Tale: The Dial File	Ever wonder how dials evolved?	W6WTU	AUG 23
Vacuum Tubes: Romance and Reality	A (mostly) glowing tale.	W8QYR	AUG 16

Mobile / Portable

One Repeater to Go, Please!	Another emergency tip.	KE8YN/Ø	MAR 27

New Products (by manufacturer)

Alan Broadband Co., Inc.	Zap Checker	Staff	JUN 48
Alinco	DJ-S40T Pocket-size UHF Transceiver	Staff	APR 48
Alinco	New twinband mobile transceiver	Staff	DEC 48
AOR USA	AR-ONE monitoring receiver	Staff	NOV 48
AOR USA	TV-5000 Video Converter	Staff	DEC 48

Black Forest Products, Inc.	*Test Equip. for Radio & Elect. Tech.*	I2EO	FEB 48
Datak	Experimenter's Kit #80-1401	Staff	DEC 48
Fisher	Space Pens	Staff	FEB 48
Gordon West	Extra Class Prep Materials	Staff	NOV 48
Morse Express	2002 Christmas Key	Staff	NOV 48
Scientifics	Remote Thermo Weather Station	Staff	FEB 48
Power Supplies			
Automotive Battery Voltage Monitor	Simple to build.	KC5MFY	NOV 20
Saving the Fleet	Of batteries, that is.	Buchmann	OCT 36
Switched Mode Power Supplies	Using batteries? Build one of these.	W2GOM/7	MAR 10
Preparedness			
On the Go	The Physical QSY	KE8YN/7	NOV 47
QRP			
QRP	Ten-Tec's Century 22	WB8VGE	FEB 44
QRP	Inside the HW-7	WB8VGE	MAR 44
QRP	Dayton Highlights	WB8VGE	NOV 53
Radio Direction Finding, Fox Hunts			
Homing In	ARDF Championships, Part 2	KØOV	JAN 47
Homing In	Helping Your Community With RDF	KØOV	FEB 45
Homing In	T-Hunting Fun in the Sunshine State	KØOV	MAR 51
Homing In	USA's Foxhunters Take On the World	KØOV	APR 52
Homing In	Take the Hamfest Foxhunt Challenge	KØOV	MAY 53
Homing In	X-mitter Hunting as a Public Service	KØOV	JUN 44
Homing In	What's New in Transmitter Hunting?	KØOV	SEP 53
Homing In	Foxhunting is a "Novel" Idea	KØOV	OCT 50
Homing In	Radio Camp to World Championships	KØOV	NOV 44
Homing In	ARDF World Championships - Part 2	KØOV	DEC 52
Repeaters			
Build a 1.2 GHz FM Repeater	A complete system from scratch.	NY9D	JAN 10
Mobile Ham Repeater	Isn't it time your club had one?	W6WTU	OCT 14
Reprints			
Letter From the Other Side	From *The Hertzian Herald*	K8JWR	OCT 35
Read All About It!	Part 11 — from *The Hertzian Herald*	K8JWR	AUG 39
Read All About It!	Part 13 — from *The Hertzian Herald*	K8JWR	DEC 58
Read All About It!	Part 12 — from *The Hertzian Herald*	K8JWR	NOV 37
SOS ... SOS ... *Titanic!*	Oct. 1997 *73 Amateur Radio Today*	Garcia	APR 14
The History of Ham Radio	Part 13 — Birth of the Wouff Hong	W9CI, SK	OCT 38
The History of Ham Radio	Part 14 — Hoover era ends	W9CI, SK	NOV 39
Understanding the CWTHA	*Microwave & Optical Tech. Letters*	Hansen	MAR 31
Restorations			
Going Over a Gonset G-77	A transmitter from the old days.	W6WTU	NOV 33
LOPs to Think About	Local operating positions	W1RO/7	FEB 31
New Life for a Pierson KE-93	Part 1 of 3	W6WTU	FEB 24
New Life for a Pierson KE-93	Part 2 of 3	W6WTU	MAR 19
New Life for a Pierson KE-93	Part 3 of 3	W6WTU	APR 22
Restoring an HQ-140-X	Part 1 (Hammarlund rig)	W6WTU	MAY 29
Restoring an HQ-140-X	Part 2	W6WTU	JUN 27
Reviews (by manufacturer)			
Creative Services Software	The CSS Safetenna (QRP)	KE8YN/Ø	MAR 45
LED-Lite Company	Great Gift Idea!	WB6NOA	JUL 38
MFJ	1899T Portable Antenna	K7UGQ	MAR 33
Peet Brothers	Ultimeter 2000 weather station	KE8YN/Ø	JAN 35
Reviews (by product)			
1899 T Portable Antenna	MFJ's 1899T Portable Antenna	K7UGQ	MAR 33
4-LED pocket light system	Great Gift Idea!	WB6NOA	JUL 38
Safetenna	QRP — The CSS Safetenna	KE8YN/Ø	MAR 47
Ultimeter 2000 Weather Station	The Peet Bros. Ultimeter 2000	KE8YN/Ø	JAN 35
Satellite Operation, EME, Space			
Hamsats	Annual Meeting	W5ACM	JAN 44
Hamsats	Winter Potpourri	W5ACM	MAR 42
Hamsats	MAROC-TUBSAT	W5ACM	APR 44

Hamsats	More ARISS	W5ACM	MAY 46
Hamsats	AMSAT Field Day 2002	W5ACM	JUN 40
Hamsats	Field Day 2002	W5ACM	SEP 48
Hamsats	AMSAT Meeting Announced	W5ACM	OCT 45
Hamsats	In Pursuit of Mode A	W5ACM	DEC 44
Test Equipment			
All-Star Expanded-Scale AC Voltmeter	Monitor your line voltage.	K8ZOA	JAN 15
Commercial-Quality Function Generator	How about this addition to the bench?	K8IHQ	DEC 10
IF Test Box	A real "can"-do project.	AA2JZ	OCT 10
Inside a Lampkin	More secrets of deviant behavior	W6WTU	SEP 26
Relative RF Power Meter	Add this to your shack's arsenal!	KC5MFY	MAY 34
Solid State Junk Box Thermometers	Everybody needs one of these.	K4VYL/6	NOV 30
Unmasking the Long Ranger	dBm meter range extender	N2DCH	MAY 18
Travel			
Close Encounters of the 5R Kind	Madagascar	G3SWH	OCT 27
FAIRS in Dominica	A beautiful tropical island ...	KK4WW	SEP 38
The Call of the Maldives	8Q7WH, that is ...	G3SWH	APR 25
Travels with Henryk — Part 4	All ashore at Malta.	SMØJHF	MAY 24
Travels with Henryk — Part 5	The niceties of Norway	SMØJHF	JUN 31
Travels with Henryk — Part 6	Portuguese hospitality at its best.	SMØJHF	JUL 35
Travels with Henryk — Part 7	Hams in the Åland Islands OHØ	SMØJHF	AUG 36
Travels with Henryk — Part 9	Havana	SMØJHF	NOV 22
Tutorials			
How I Build "Modified Ugly"	"Maui-style" construction?	AA2JZ	MAY 14
No Place Like Ohm	A little refresher ...	W2GOM/7	NOV 28
Roll Your Own RF Transformers	But don't get TOO wound up in it.	K8ZOA	JUN 12
Shedding Some Light on Dimmers	Put one of these triacs to use.	W2GOM/7	DEC 22
The ABCs of IRCs	All about International Reply Coupons	G3SWH	JAN 27
This Thing Called Wire-Wrap	Wire-wrapping is still valuable to know.	K8IHQ	AUG 32
VTVMs and FETVMs	Theory and practice.	W2GOM/7	JAN 24
Updates			
Mobile Ham Repeater, Oct. 14	Correction in QRX - Oops Oops	Staff	DEC 6
VHF/UHF			
Above & Beyond	Microwave Op Tricks of the Trade	WB6IGP	MAY 50
Above & Beyond	Qualicomm 2.x GHz–10 GHz Multiplier	WB6IGP	JUN 42
Above & Beyond	Converting Surplus: Coaxial Relays	WB6IGP	SEP 42
Above & Beyond	Coaxial Test Devices	WB6IGP	OCT 47
Above & Beyond	1296 MHz Omni Slot Antenna	WB6IGP	NOV 41
Above & Beyond	Microwave Frequency Meters	WB6IGP	DEC 40

NEVER SAY DIE

Continued from page 4

What about the ARRL, you ask? The only belief I have in the League is that someone should wake up the gang sleeping at HQ and tell them to get their ass in gear and start promoting the hobby before it dies. Maybe you can energize your local director to do more than rubber stamp what the HQ gang asks for at the next board meeting.

Have you even a remote clue about how much the number of licensed amateurs has grown in the last five years? Make a guess? Wrong! It was 0.5%. Compare that to the 1946-1963 17-years of 11% per year growth — a five-year growth of 168%.

You know what I'd like to see? The ARRL do a survey of today's ham activity on the bands. They could get volunteers ... retired hams ... to do signal counts on our HF bands once an hour 24/7 for a couple of months. Maybe from Washington, Southern California, Texas, Maine, and Florida. I'll bet they'll find that there are a lot less than 100,000 active U.S. hams on the HF bands. I'd like to be wrong, but never in my 64 years on the bands have I heard them so empty.

I'm going to keep hacking away at the public's belief in doctors, hospitals, and prescription drugs, using common sense and damned good research as my weapon. I'll leave it to you to either activate the League HQ gang or see our hobby blow away through your neglect. Every time you renew your ARRL membership you are making sure that HQ does nothing. That's the only vote you have.

Jet Lag

Pretty soon you'll be seeing jet lag prevention glasses in the gadget catalogs. They'll have blue LEDs built in, powered by a 9V battery in your pocket. You wear them for three hours a day for two days before your trip and three hours during the trip. No jet lag.

I keep such weird hours at home that my body is never sure when to give me jet lag on trips to Europe or Asia. At home I go to bed when I get tired, whether it's 7 p.m. or 2 a.m. I sleep until I wake up, and take an hour nap during the day if I get tired. Works for me.

Health Notes

A daily banana helps ward off strokes. It's the potassium. Oranges help, too. Hmm, I eat a couple bananas and an orange for breakfast every day.

Optimists are healthier and live longer, according to a Mayo Clinic study.

Continued on page 41